

Bernhard Sendhoff

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2006		
37	EE	Stefan Menzel, Markus Olhofer, Bernhard Sendhoff: Direct Manipulation of Free Form Deformation in Evolutionary Design Optimisation. PPSN 2006 : 352-361
36	EE	Aimin Zhou, Qingfu Zhang, Yaochu Jin, Bernhard Sendhoff, Edward Tsang: Modelling the Population Distribution in Multi-objective Optimization by Generative Topographic Mapping. PPSN 2006 : 443-452
35	EE	Vineet R. Khare, Bernhard Sendhoff, Xin Yao: Environments Conducive to Evolution of Modularity. PPSN 2006 : 603-612
34	EE	Dudy Lim, Yew-Soon Ong, Yaochu Jin, Bernhard Sendhoff, Bu-Sung Lee: Inverse multi-objective robust evolutionary design. Genetic Programming and Evolvable Machines 7(4) : 383-404 (2006)
2005		
33	EE	Yaochu Jin, Bernhard Sendhoff, Edgar Körner: Evolutionary Multi-objective Optimization for Simultaneous Generation of Signal-Type and Symbol-Type Representations. EMO 2005 : 752-766
32	EE	Christian Igel, Bernhard Sendhoff: Synergies between Evolutionary and Neural Computation. ESANN 2005 : 241-252
31	EE	Lars Gräning, Yaochu Jin, Bernhard Sendhoff: Efficient evolutionary optimization using individual-based evolution control and neural networks: A comparative study. ESANN 2005 : 273-278
30	EE	Martina Hasenjäger, Bernhard Sendhoff, Toyotaka Sonoda, Toshiyuki Arima: Three dimensional evolutionary aerodynamic design optimization with CMA-ES. GECCO 2005 : 2173-2180
29	EE	Michael Nashvili, Markus Olhofer, Bernhard Sendhoff: Morphing methods in evolutionary design optimization. GECCO 2005 : 897-904
28	EE	Hee-Khiang Ng, Dudy Lim, Yew-Soon Ong, Bu-Sung Lee, Lars Freund, Shuja Parvez, Bernhard Sendhoff: A Multi-cluster Grid Enabled Evolution Framework for Aerodynamic Airfoil Design Optimization. ICNC (2) 2005 : 1112-1121

27	EE	Yaochu Jin, Markus Olhofer, Bernhard Sendhoff: On Evolutionary Optimization of Large Problems Using Small Populations. <u>ICNC (2) 2005</u> : 1145-1154
26	EE	Georg Schneider, Heiko Wersing, Bernhard Sendhoff, Edgar Körner: Evolutionary optimization of a hierarchical object recognition model. <u>IEEE Transactions on Systems, Man, and Cybernetics, Part B 35(3)</u> : 426-437 (2005)
25	EE	Michael Hüskens, Yaochu Jin, Bernhard Sendhoff: Structure optimization of neural networks for evolutionary design optimization. <u>Soft Comput. 9(1)</u> : 21-28 (2005)
2004		
24	EE	Yaochu Jin, Bernhard Sendhoff: Constructing Dynamic Optimization Test Problems Using the Multi-objective Optimization Concept. <u>EvoWorkshops 2004</u> : 525-536
23	EE	Yaochu Jin, Bernhard Sendhoff: Reducing Fitness Evaluations Using Clustering Techniques and Neural Network Ensembles. <u>GECCO (1) 2004</u> : 688-699
22	EE	Razvan Enache, Bernhard Sendhoff, Markus Olhofer, Martina Hasenjäger: Comparison of Steady-State and Generational Evolution Strategies for Parallel Architectures. <u>PPSN 2004</u> : 253-262
21	EE	Georg Schneider, Heiko Wersing, Bernhard Sendhoff, Edgar Körner: Coupling of Evolution and Learning to Optimize a Hierarchical Object Recognition Model. <u>PPSN 2004</u> : 662-671
20	EE	Tatsuya Okabe, Yaochu Jin, Markus Olhofer, Bernhard Sendhoff: On Test Functions for Evolutionary Multi-objective Optimization. <u>PPSN 2004</u> : 792-802
19	EE	Vineet R. Khare, Xin Yao, Bernhard Sendhoff: Credit Assignment Among Neurons in Co-evolving Populations. <u>PPSN 2004</u> : 882-891
18	EE	Hans-Georg Beyer, Markus Olhofer, Bernhard Sendhoff: On the Impact of Systematic Noise on the Evolutionary Optimization Performance-A Sphere Model Analysis. <u>Genetic Programming and Evolvable Machines 5(4)</u> : 327-360 (2004)
2003		
17	EE	Yaochu Jin, Bernhard Sendhoff: Trade-Off between Performance and Robustness: An Evolutionary Multiobjective Approach. <u>EMO 2003</u> : 237-251
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15		Yaochu Jin, Bernhard Sendhoff: Extracting Interpretable Fuzzy Rules from RBF Networks. <u>Neural Processing Letters 17(2)</u> : 149-164 (2003)
2002		
14		Yaochu Jin, Bernhard Sendhoff: Fitness Approximation In Evolutionary Computation - a Survey. <u>GECCO 2002</u> : 1105-1112
13		Tatsuya Okabe, Yaochu Jin, Bernhard Sendhoff: On The Dynamics Of Evolutionary Multi-objective Optimization. <u>GECCO 2002</u> : 247-256
12		Yaochu Jin, Bernhard Sendhoff: Incorporation Of Fuzzy Preferences Into Evolutionary Multiobjective Optimization. <u>GECCO 2002</u> : 683
11		Yaochu Jin, Markus Olhofer, Bernhard Sendhoff: A framework for evolutionary optimization with approximate fitness functions. <u>IEEE Trans. Evolutionary Computation 6(5)</u> : 481-494 (2002)
2001		

10	EE	Yaochu Jin, Tatsuya Okabe, Bernhard Sendhoff: Adapting Weighted Aggregation for Multiobjective Evolution Strategies. <u>EMO 2001</u> : 96-110
2000		
9		Yaochu Jin, Markus Olhofer, Bernhard Sendhoff: On Evolutionary Optimization with Approximate Fitness Functions. <u>GECCO 2000</u> : 786-793
1999		
8		Yaochu Jin, Werner von Seelen, Bernhard Sendhoff: On generating FC ³ fuzzy rule systems from data using evolution strategies. <u>IEEE Transactions on Systems, Man, and Cybernetics, Part B</u> 29(6): 829-845 (1999)
7		Bernhard Sendhoff, Martin Kreutz: A Model for the Dynamic Interaction Between Evolution and Learning. <u>Neural Processing Letters</u> 10(3): 181-193 (1999)
6		Yaochu Jin, Bernhard Sendhoff: Knowledge Incorporation into Neural Networks From Fuzzy Rules. <u>Neural Processing Letters</u> 10(3): 231-242 (1999)
1998		
5	EE	Martin Kreutz, Anja M. Reimetz, Bernhard Sendhoff, Claus Weihs, Werner von Seelen: Optimisation of Density Estimation Models with Evolutionary Algorithms. <u>PPSN 1998</u> : 998-1007
1997		
4		Peter Stagge, Bernhard Sendhoff: An Extended Elman Net for Modeling Time Series. <u>ICANN 1997</u> : 427-432
3		Bernhard Sendhoff, Martin Kreutz, Werner von Seelen: A Condition for the Genotype-Phenotype Mapping: Causality. <u>ICGA 1997</u> : 73-80
1996		
2		Christoph von der Malsburg, Werner von Seelen, Jan C. Vorbrüggen, Bernhard Sendhoff: Artificial Neural Networks - ICANN 96, 1996 International Conference, Bochum, germany, July 16-19, 1996, Proceedings <u>Springer 1996</u>
1		Bernhard Sendhoff, Martin Kreutz: Analysis of Possible Genome-Dependence of Mutation Rates in Genetic Algorithms. <u>Evolutionary Computing, AISB Workshop 1996</u> : 257-268

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Michael Ley (ley@uni-trier.de) Fri Feb 16 16:22:18 2007

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Nikolaus Hansen, Andreas Ostermeier
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Evolution Strategies with Cumulative Step Length Adaptation on .. - Arnold, Beyer (2006) ([Correct](#))

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Single and Multi-Objective Approaches to 3D Evolutionary.. - Hasenjäger, al. (2005) ([Correct](#))

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6: The Theory of Evolution Strategies (context) - Beyer - 2000

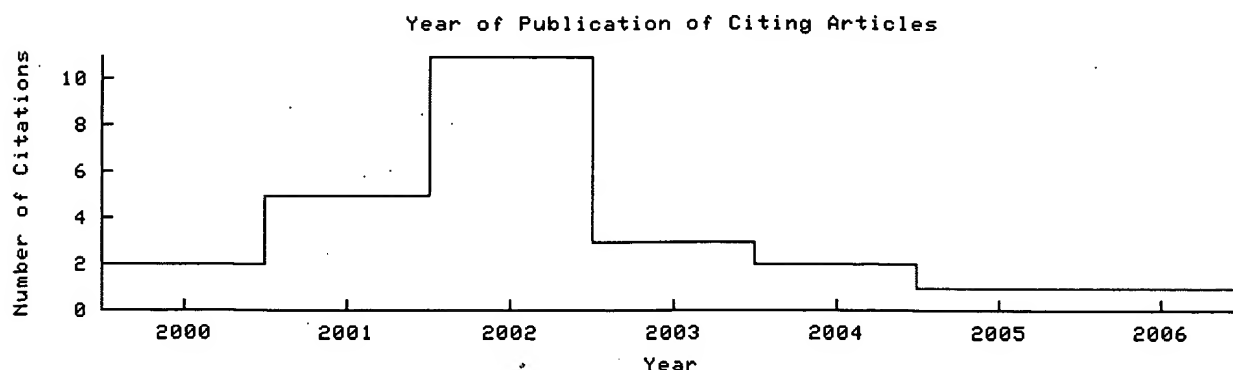
6: Verallgemeinerte individuelle Schrittweitenregelung in der Evolutionsstrategie (context) - Hansen - 1998

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  title = "Completely Derandomized Self-Adaptation in Evolution Strategies",  
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Managing Approximate Models in Evolutionary Aerodynamic Design Optimization (2001) (Make Corrections) (6 citations)

Yaochu Jin, Markus Olhofer, Bernhard Sendhoff

Proceedings of the 2001 Congress on Evolutionary Computation CEC2001



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Accelerating Evolutionary Algorithms with Gaussian.. - Büche, Schraudolph, .. (2004) ([Correct](#))

Structure Optimization of Neural Networks for Evolutionary .. - Hüskén, Jin, Sendhoff (2002) ([Correct](#))

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3: Metamodel-assisted evolution strategies - Emmerich, Giotis et al. - 2002

BibTeX entry: ([Update](#))

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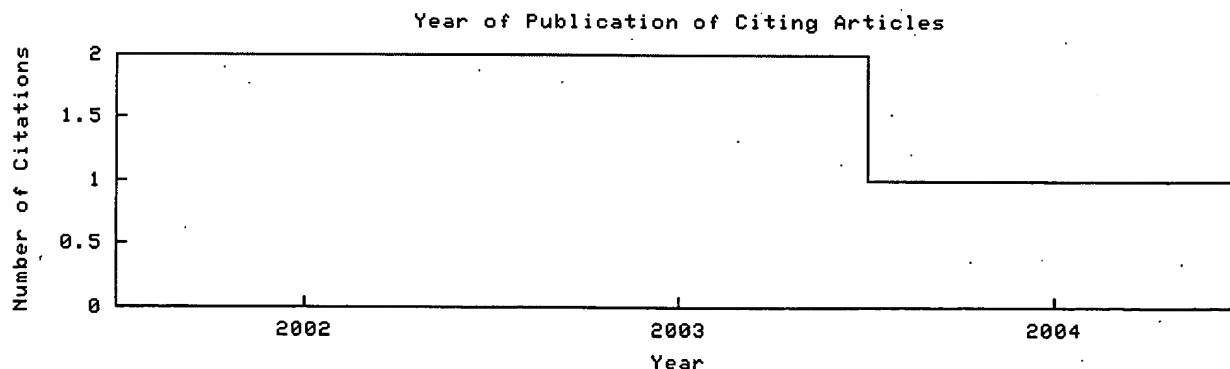
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Citations (may not include all citations):

- 105 Information-based objective functions for active data select.. - MacKay - 1992 [ACM](#)
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- 42 and the sizing of the populations (context) - Goldberg, Deb et al. - 1992
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- 30 An updated survey of evolutionary multiobjective optimizatio.. - Coello - 1999
- 30 Approximation concepts for optimum structural design - a rev.. (context) - Bartelevy, Haftka - 1993
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- 4 Genetic algorithms in multidisciplinary rotor blade design (context) - Hajela, Lee - 1998
- 3 Managing approximate models in optimization (context) - Dennis, Torczon - 1997
- 3 Optimization of a stator blade used in a transonic compresso.. (context) - Olhofer, Arima et al. - 2000
- 3 On model-based evolutionary computation (context) - Bull - 1999 [DBLP](#)
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On the Computational Effectiveness of Multiple Objective.. - Jaskiewicz (2000) ([Correct](#))

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ftp.imada.ou.dk/pub/papers/pp-1997/13.ps.gz

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www.lpaig.uwaterloo.ca/~tjdonald/cai98.ps

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A Discipline of **Evolutionary** Programming 1 Paul

www.cwi.nl/~paulv/papers/genetic.ps

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ftp.risc.uni-linz.ac.at/pub/acpc/reports/acpc.94-3.ps.gz

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Thesis Summary: A Nonprehensile Method for Reliable Parts Orienting

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[Recovering Evolutionary Trees Through Harmonic Greedy.. - Csürös, Kao \(1999\)](#) (Correct)

Harmonic Greedy Triplets Mikl 'Os Cs Ur Os And Ming-Yang Kao extended Abstract For Soda '99

www.cs.yale.edu/HTML/YALE/CS/HyPlans/csuros-miklos/HTML2.0/.papers/hgtsoda.ps.gz

[Amplitude Spectra of Fitness Landscapes - Hordijk, Stadler \(1998\)](#) (Correct)

J. Complex Systems (1998) 1, 39-66 Amplitude Spectra of Fitness Landscapes Wim Hordijk

www.tbi.univie.ac.at/papers/Abstracts/98-03-002.ps.gz

[Natural Deduction for Intuitionistic Non-Commutative Linear.. - Polakow, Pfenning \(1999\)](#) (Correct)

(18 citations)

Non-Commutative Linear Logic Jeff Polakow and Frank Pfenning Department of Computer

pecan.srv.cs.cmu.edu/afs/cs.cmu.edu/user/fp/www/papers/tlca99.ps.gz

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(4 citations)

A Framework for Coordination and Learning among Team

www.cs.curtin.edu.au/~buihh/papers/dai97-final.ps.gz

Domain-Specific Languages versus Object-Oriented Frameworks: A.. - van Deursen (1997) (Correct) (1 citation)

A. van Deursen Domain-Specific Languages versus
nero.prakinf.tu-ilmenau.de/~czarn/generate/stja97/vandeursen.ps

Evolution of Random Catalytic Networks - Fraser, Reidys (1997) (Correct) (1 citation)

Evolution of Random Catalytic Networks S.M. Fraser a and C.M. Reidys ab a Santa Fe Institute, 1399
[ftp.cogs.susx.ac.uk/pub/ecal97/online/F113.ps.gz](ftp://cogs.susx.ac.uk/pub/ecal97/online/F113.ps.gz)

Compositional Modelling of Reflective Agents - Brazier, Treur (1996) (Correct) (2 citations)

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www.cs.vu.nl/~wai/pub/1996/Brazier_Treur01.ps.Z

A Fixpoint Characterization Of Abductive Logic Programs - Inoue, Sakama (1996) (Correct) (11 citations)

J. Logic Programming 27:107-136 (1996) 1 A Fixpoint Characterization Of Abductive Logic
www.wakayama-u.ac.jp/~sakama/papers/jlp96.ps.gz

Guiding or Hiding: Explorations into the Effects of Learning on.. - Mayley (1997) (Correct) (2 citations)

Rate of Evolution. Giles Mayley School of Cognitive and Computing Sciences, University of Sussex,
[ftp.cogs.susx.ac.uk/pub/ecal97/online/F156.ps.gz](ftp://cogs.susx.ac.uk/pub/ecal97/online/F156.ps.gz)

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Efficient and Balanced **Adaptive** Routing in Two-Dimensional Meshes Jatin H.

vulcan.ee.iastate.edu/~mads/home/PUBS/hpca.ps

[A Unifying Framework for Concatenation Based Grammar Formalisms - Annius Groenink \(1995\) \(Correct\)](#)

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[On Group Decision Making under Linguistic Preferences and.. - Herrera, Verdegay \(1994\) \(Correct\)](#)

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decsai.ugr.es/pub/arai/tech_rep/decision/ipmu94.ps.Z

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www.duke.edu/~tp4/psuthesis.ps.Z

[On the utility of Plan-space \(Causal\) Encodings - Mali, Kambhampati \(Correct\)](#)

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enws318.eas.asu.edu/pub/rao/doc/pub/rao/doc/pub/rao/new-causal.ps

[RTP Payload for Redundant Audio Data - Perkins, Kouvelas, Hodson, al. \(1997\) \(Correct\) \(49 citations\)](#)

transport protocol (RTP)version 2, for **encoding** redundant audio data. The primary motivation for

<ftp.botik.ru/pub/doc/internet-drafts/draft-perkins-rtp-redundancy-04.ps.gz>

[Ontogenetic Programming - Spector, Stoffel \(1996\) \(Correct\) \(3 citations\)](#)

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[Resume - Kalluri \(Correct\)](#)

Wireless Communications, CDMA. 3 Nonlinear **Adaptive** Signal Processing Algorithms, Robust and

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A. S. Perelson, and I. M. Stadnyk. Modeling **adaptive** biological systems. Biosystems, 23:113-138,

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Non-Oscillatory Boundary Treatment for Staggered Central Schemes - Levy, Tadmor (1998) (Correct) (3 citations)
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Incremental Testing of **Adaptive** Software Linda M. Keszenheimer and Karl J.
ftp.ccs.neu.edu/pub/research/demeter/documents/papers/KL94-testing-adaptive.ps

Multigrid Methods for Optimal Shape Design Governed by Elliptic.. - Arian (1994) (Correct)
VA, April 8-9, 1994)B] A. Brandt. Multilevel **Adaptive** Solutions to Boundary Value Problems, Math.
in many fields of engineering, in particular in **aerodynamic** design. In the present work effective
solve optimization problems which are related to **aerodynamic** design problems in subsonic flow conditions.
www.math.ohiou.edu/~arian/papers/thesis.ps

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... Van Veldhuizen, David A. et al., Multiobjective **Evolution-ary** Algorithms: Analyzing the State-of-the-Art, **Evolution-ary** Computation, **2000**, 125-147, vol. ...[Related Articles](#) - [Web Search](#)**Application of Free Form Deformation Techniques in Evolutionary Design Optimisation - group of 2 »**S Menzel, M Olhofer, B Sendhoff - 6th World Congress on Structural and Multidisciplinary ..., 2005 - wismo6.org... of a three-dimensional high performance compressor **airfoil**. ... up and stabilize the adaptation of the **strategy parameter**. ... help of **splines** or **spline** surfaces, for ...[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)**Approximate fitness functions**JIN YAOCHU, BDR SENDHOFF - EP Patent 1,205,877, 2002 - freepatentsonline.com... was larger than expected EMI9.2, then the **strategy parameter** is increased ... describe the two dimensional cross section of the **airfoil**, a **spline** encoding based ...[Cached](#) - [Web Search](#)**Three dimensional evolutionary aerodynamic design optimization with CMA-ES**M Hasenjäger, B Sendhoff, T Sonoda, T Arima - Proceedings of the 2005 conference on Genetic and ..., 2005 - portal.acm.org... which is composed of several rows of **airfoil** cascades. ... which is $d = 3$ in our case of cubic **splines**. ... of the CMA-ES, ie, the global **strategy parameter** in Fig. ...[Related Articles](#) - [Web Search](#)

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